

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090722\
 Data File : BM036505.D
 Acq On : 07 Sep 2022 11:40
 Operator : CG/JU
 Sample : N3670-02
 Misc : SFAM-SIM-MDL-WATER-0.07NG
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Sep 07 12:10:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 06 13:54:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
 Supervised By :mohammad ahmed 09/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.552	136	10465	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.382	164	5598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.137	188	9942	0.400	ng/ul	0.01
17) Chrysene-d12	21.321	240	8669	0.400	ng/ul	0.00
23) Perylene-d12	23.612	264	7245	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	3066	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	4728	0.290	ng/ul	0.03
18) Fluoranthene-d10	19.165	212	9316	0.345	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.172	88	254m	0.073	ng/ul	Qvalue
5) Naphthalene	10.601	128	1976	0.069	ng/ul#	85
7) 2-Methylnaphthalene	12.229	142	1140	0.065	ng/ul	94
8) 1-Methylnaphthalene	12.432	142	1084	0.061	ng/ul	97
10) Acenaphthylene	14.113	152	1531	0.072	ng/ul#	84
11) Acenaphthene	14.447	153	1277	0.068	ng/ul	96
12) Fluorene	15.460	166	1320	0.063	ng/ul#	96
14) Pentachlorophenol	16.829	266	106m	0.059	ng/ul	
15) Phenanthrene	17.179	178	2119	0.073	ng/ul#	89
16) Anthracene	17.289	178	1508	0.062	ng/ul#	79
19) Fluoranthene	19.193	202	2366	0.076	ng/ul#	91
20) Pyrene	19.560	202	2496	0.078	ng/ul	94
21) Benzo(a)anthracene	21.315	228	1528	0.058	ng/ul	93
22) Chrysene	21.359	228	2196	0.075	ng/ul	95
24) Benzo(b)fluoranthene	22.922	252	2013	0.070	ng/ul#	54
25) Benzo(k)fluoranthene	22.969	252	1812	0.063	ng/ul#	50
26) Benzo(a)pyrene	23.528	252	1963	0.083	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	26.007	276	1895	0.068	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.040	278	1496	0.062	ng/ul#	43
29) Benzo(g,h,i)perylene	26.721	276	1888	0.071	ng/ul#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

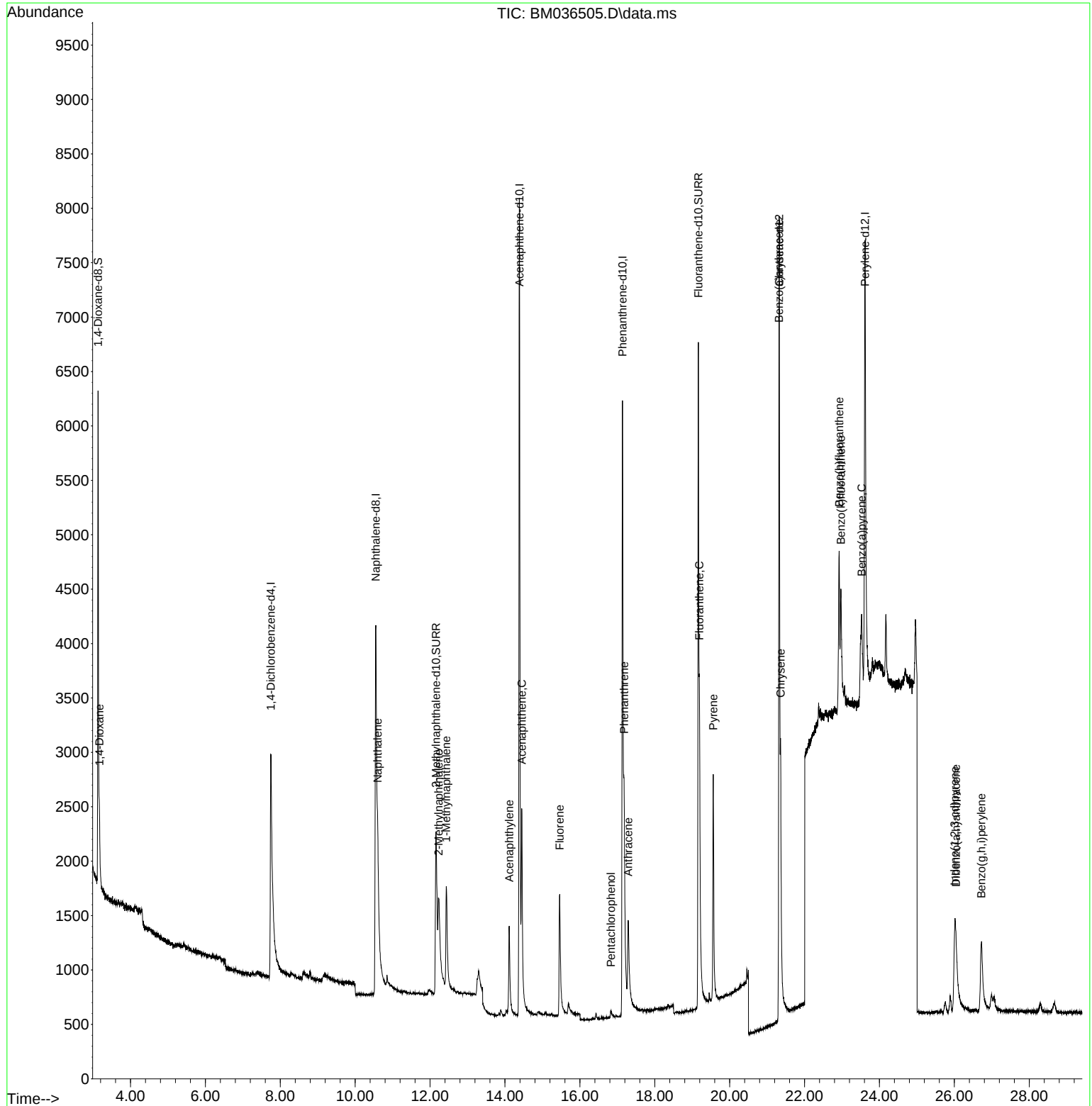
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090722\
Data File : BM036505.D
Acq On : 07 Sep 2022 11:40
Operator : CG/JU
Sample : N3670-02
Misc : SFAM-SIM-MDL-WATER-0.07NG
ALS Vial : 4 Sample Multiplier: 1

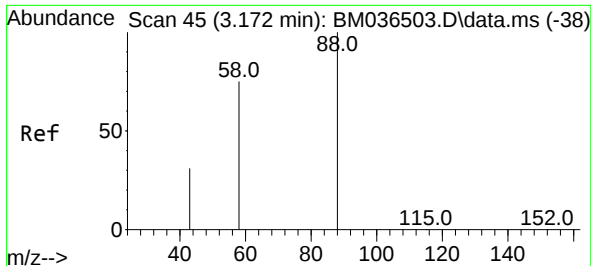
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04

Quant Time: Sep 07 12:10:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 06 13:54:00 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

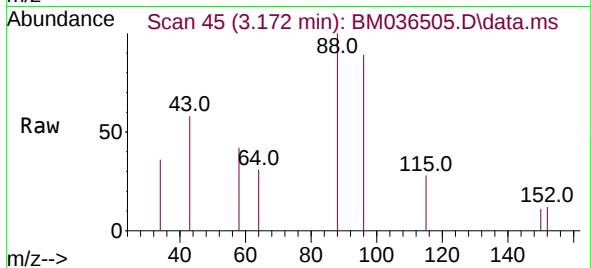
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022





#2
1,4-Dioxane
Concen: 0.073 ng/ul m
RT: 3.172 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

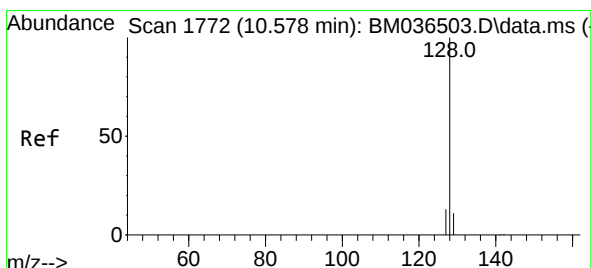
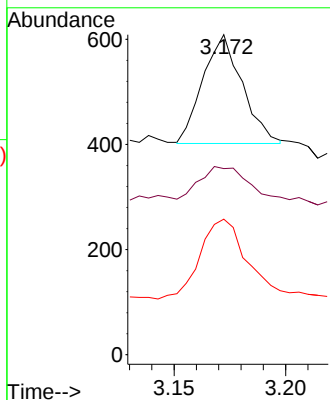
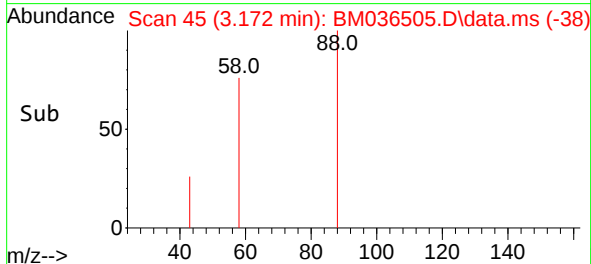
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
43 58.1 37.8 56.6
58 42.4 42.6 63.8

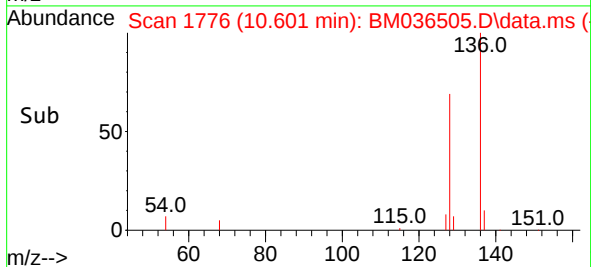
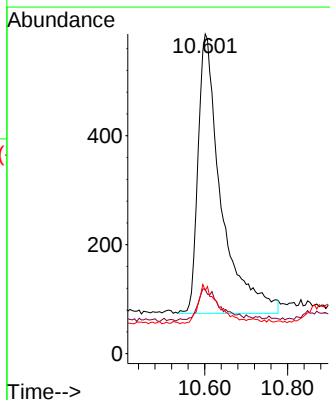
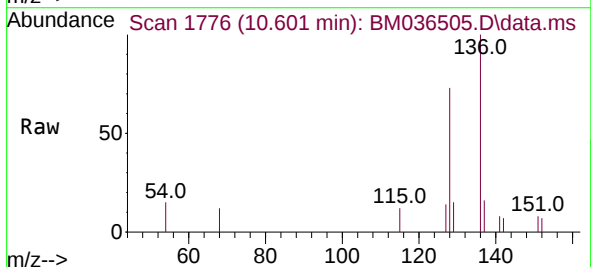
Manual Integrations
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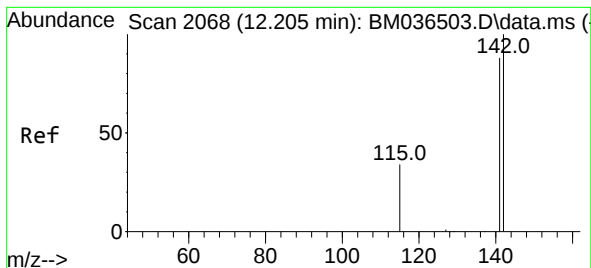
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. 0.022 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

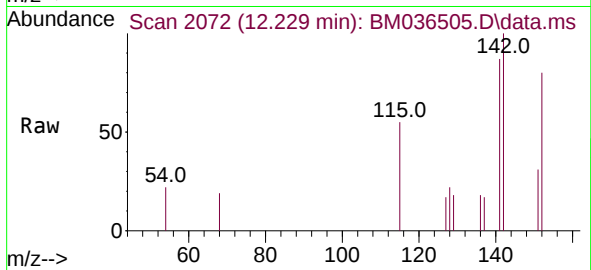
Tgt Ion:128 Resp: 1976
Ion Ratio Lower Upper
128 100
129 20.1 10.2 15.2#
127 19.8 11.7 17.5#





#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.229 min Scan# 2068
Delta R.T. 0.027 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

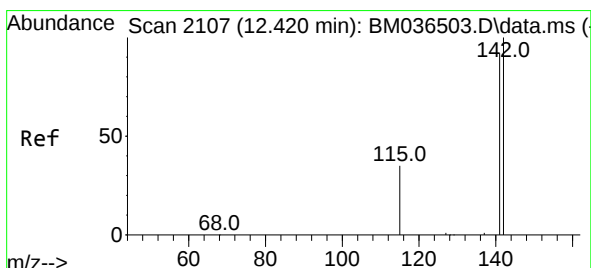
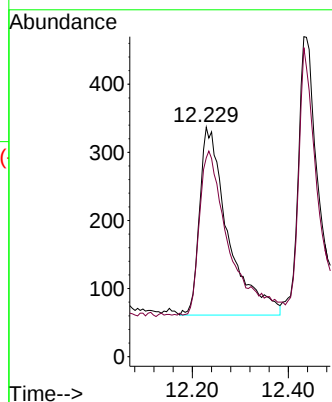
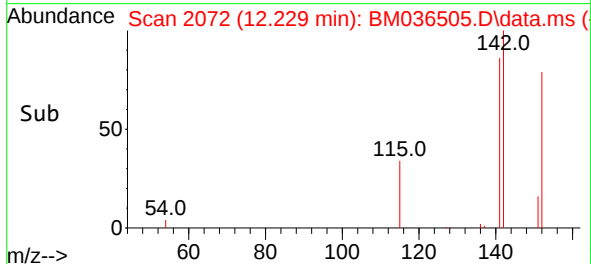
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



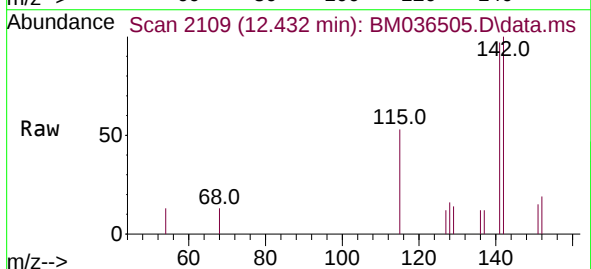
Tgt Ion:142 Resp: 1140
Ion Ratio Lower Upper
142 100
141 90.9 77.4 116.0

Manual Integrations
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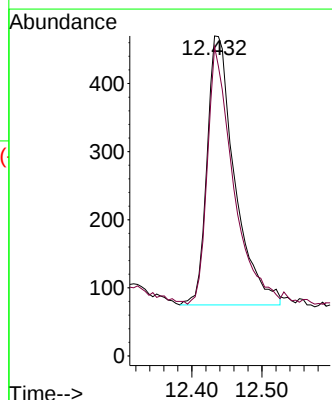
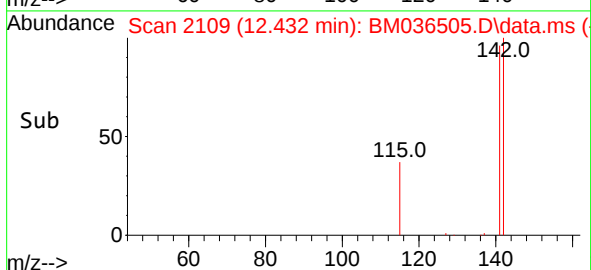
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022

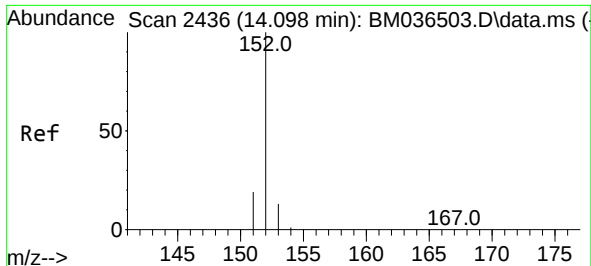


#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.432 min Scan# 2109
Delta R.T. 0.011 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40



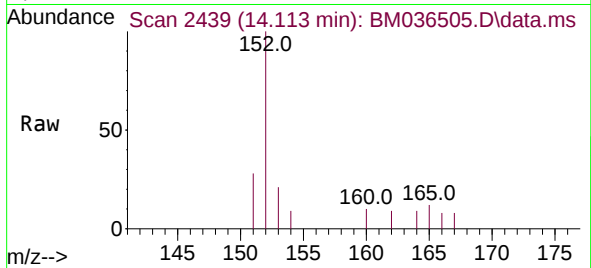
Tgt Ion:142 Resp: 1084
Ion Ratio Lower Upper
142 100
141 89.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.113 min Scan# 2436
Delta R.T. 0.009 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

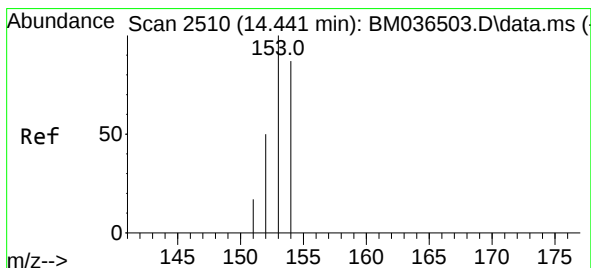
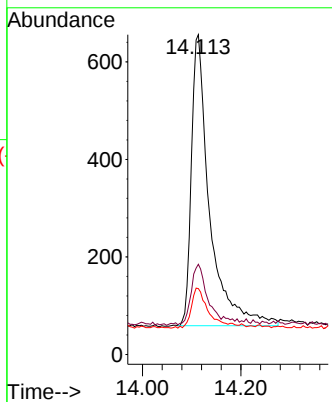
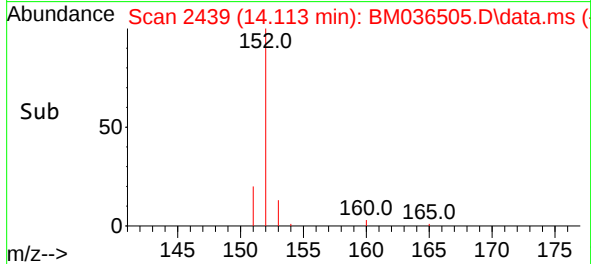
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:152 Resp: 1531
Ion Ratio Lower Upper
152 100
151 28.2 16.6 24.8
153 20.6 11.4 17.0

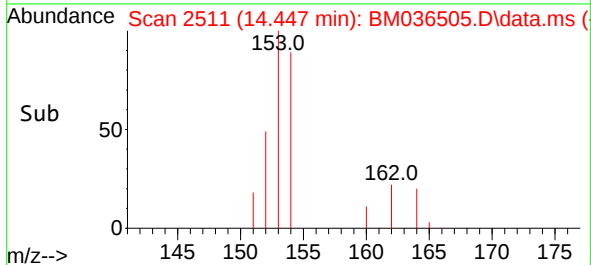
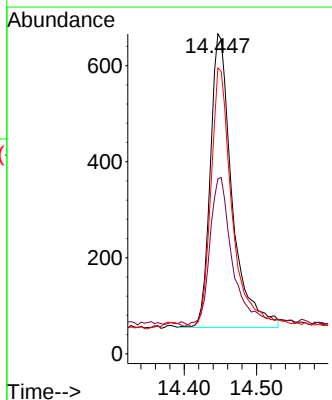
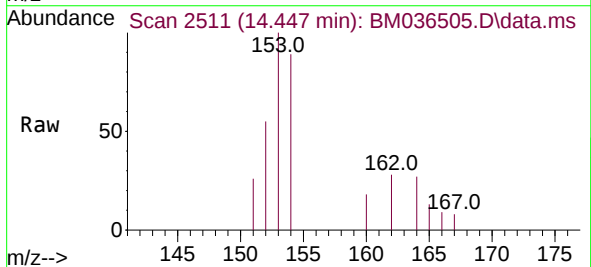
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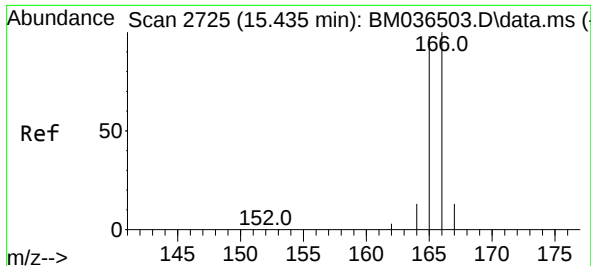
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.447 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

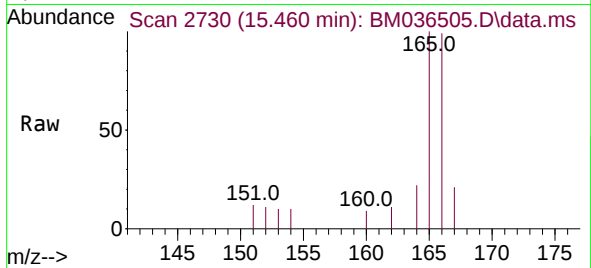
Tgt Ion:153 Resp: 1277
Ion Ratio Lower Upper
153 100
152 54.7 40.2 60.4
154 89.3 69.7 104.5





#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.460 min Scan# 2725
Delta R.T. 0.028 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

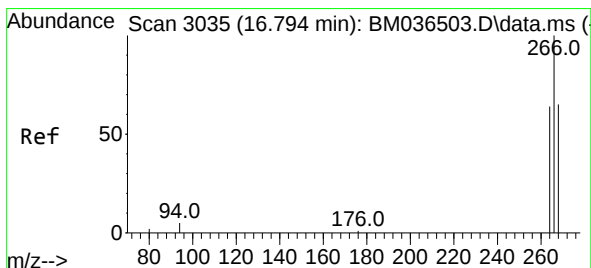
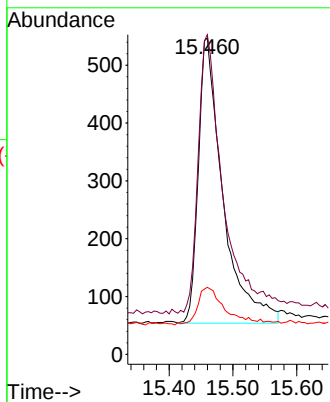
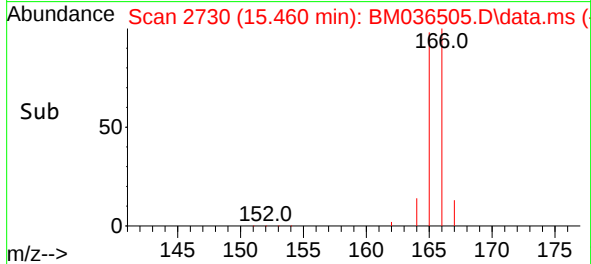
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:166 Resp: 1320
Ion Ratio Lower Upper
166 100
165 101.1 78.9 118.3
167 21.2 11.3 16.9

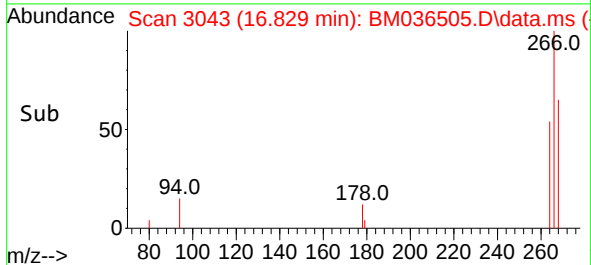
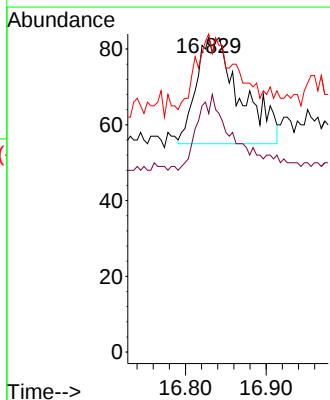
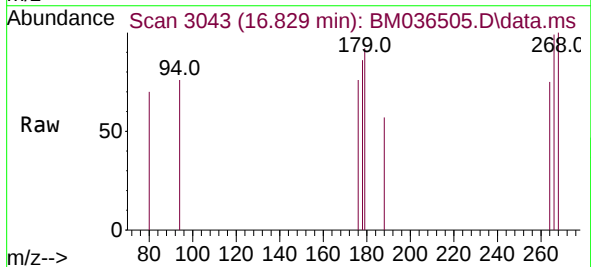
Manual Integrations
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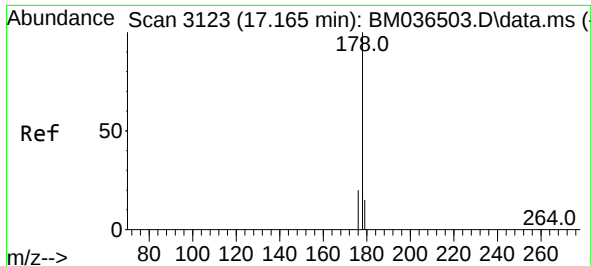
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#14
Pentachlorophenol
Concen: 0.059 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. 0.030 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

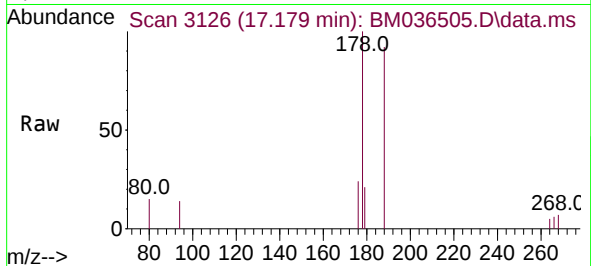
Tgt Ion:266 Resp: 106
Ion Ratio Lower Upper
266 100
264 59.4 50.3 75.5
268 67.9 53.5 80.3





#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.179 min Scan# 3126
Delta R.T. 0.013 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

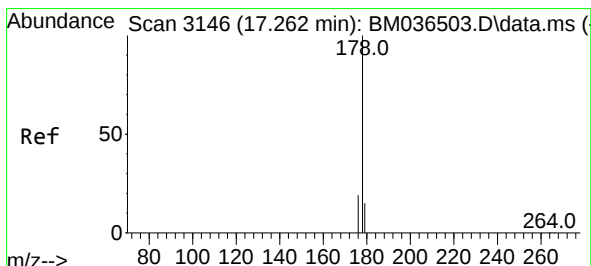
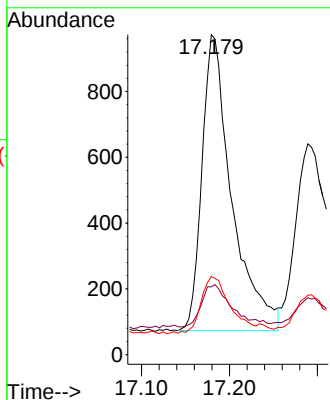
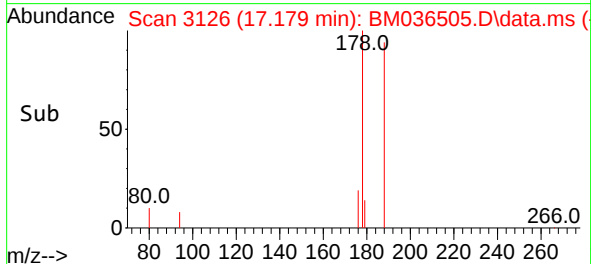
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:178 Resp: 2119
Ion Ratio Lower Upper
178 100
179 21.2 13.0 19.6#
176 24.5 15.6 23.4#

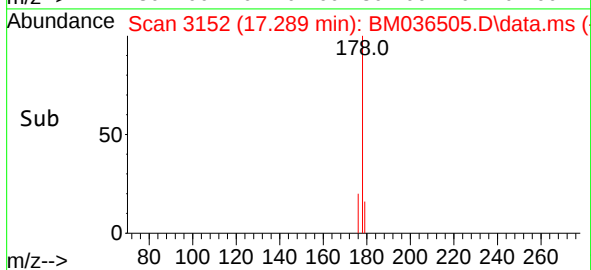
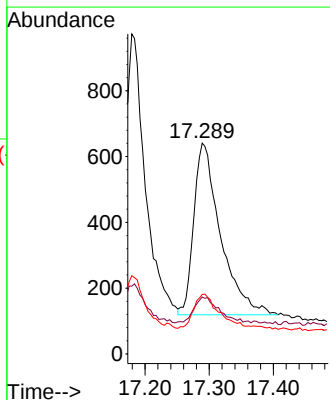
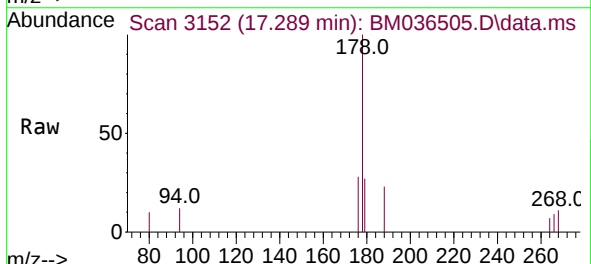
Manual Integrations
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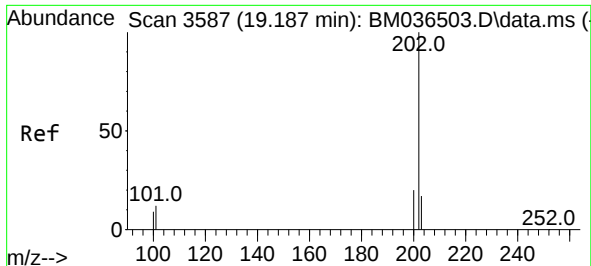
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#16
Anthracene
Concen: 0.062 ng/ul
RT: 17.289 min Scan# 3152
Delta R.T. 0.025 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

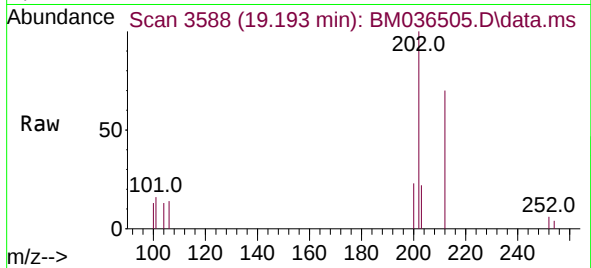
Tgt Ion:178 Resp: 1508
Ion Ratio Lower Upper
178 100
179 27.0 13.6 20.4#
176 28.2 15.6 23.4#





#19
Fluoranthene
Concen: 0.076 ng/u1
RT: 19.193 min Scan# 3588
Delta R.T. 0.005 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

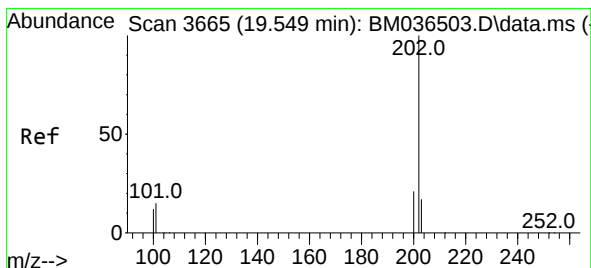
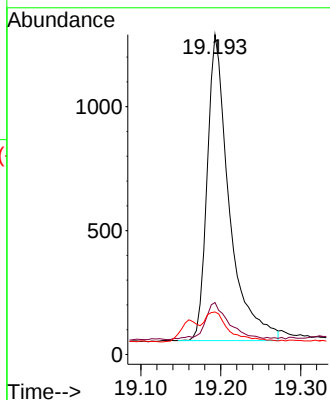
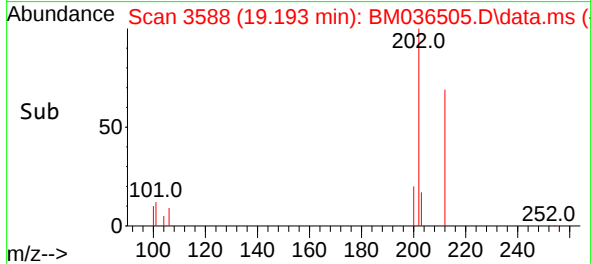
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:202 Resp: 2366
Ion Ratio Lower Upper
202 100
101 16.3 10.1 15.1
100 13.3 7.9 11.9

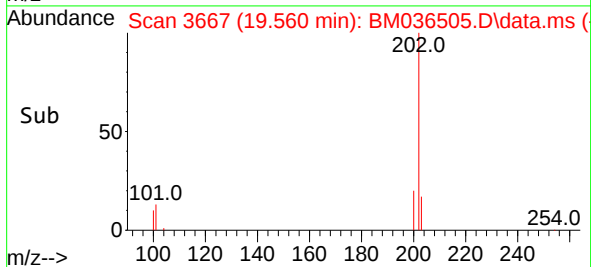
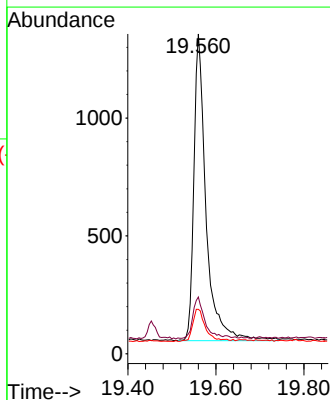
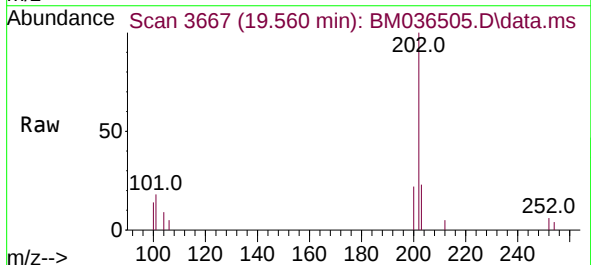
Manual Integrations
APPROVED

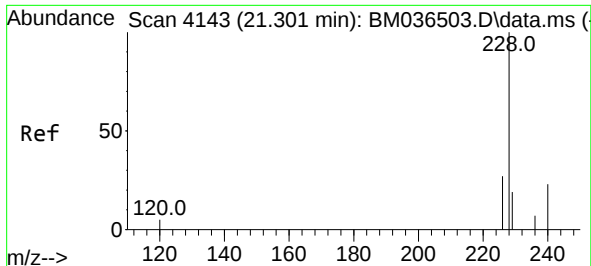
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#20
Pyrene
Concen: 0.078 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. 0.009 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

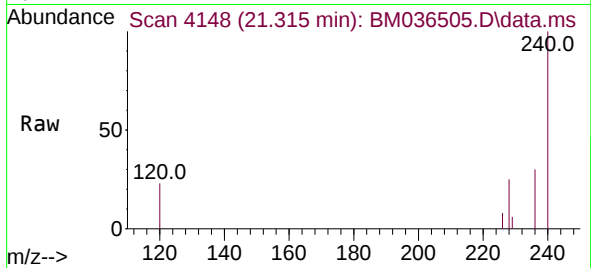
Tgt Ion:202 Resp: 2496
Ion Ratio Lower Upper
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101 17.8 12.0 18.0
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.315 min Scan# 4143
Delta R.T. 0.015 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

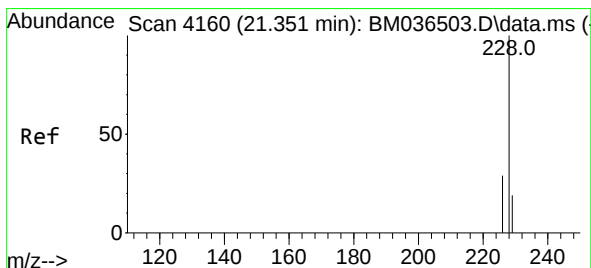
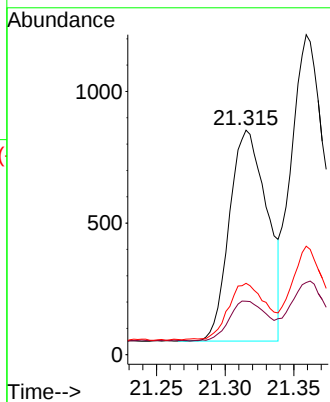
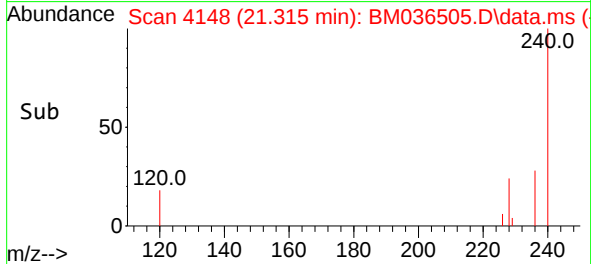
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:228 Resp: 1528
Ion Ratio Lower Upper
228 100
229 23.8 16.2 24.2
226 31.8 22.5 33.7

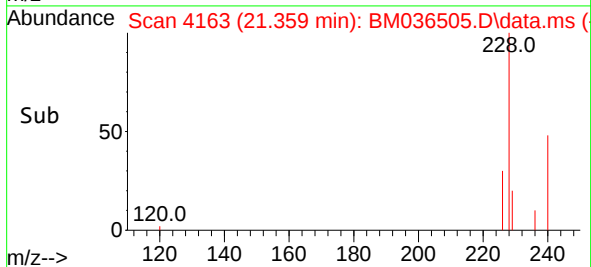
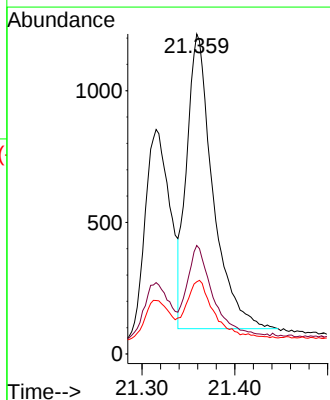
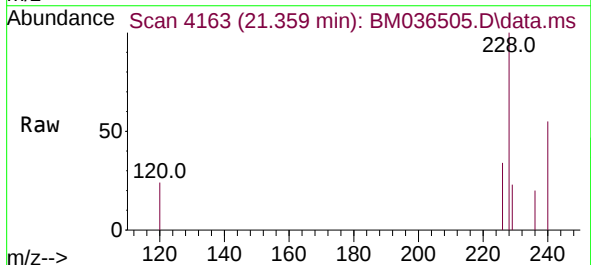
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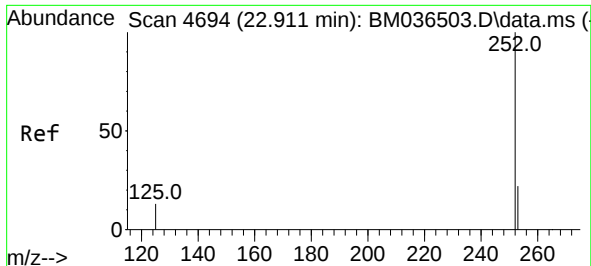
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#22
Chrysene
Concen: 0.075 ng/ul
RT: 21.359 min Scan# 4163
Delta R.T. 0.009 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

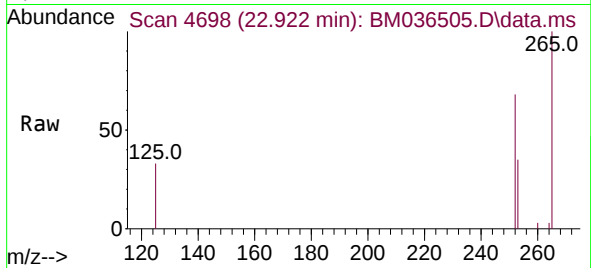
Tgt Ion:228 Resp: 2196
Ion Ratio Lower Upper
228 100
226 33.9 24.6 37.0
229 22.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul
RT: 22.922 min Scan# 4698
Delta R.T. 0.015 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

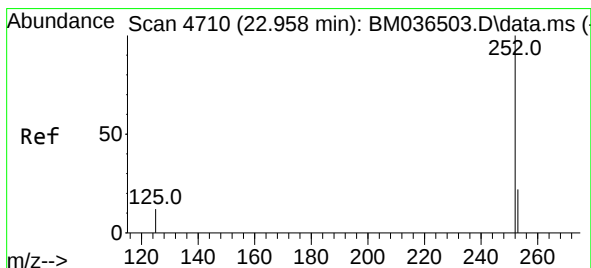
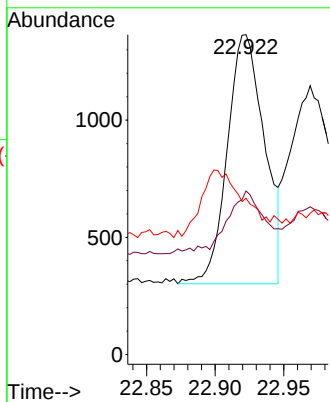
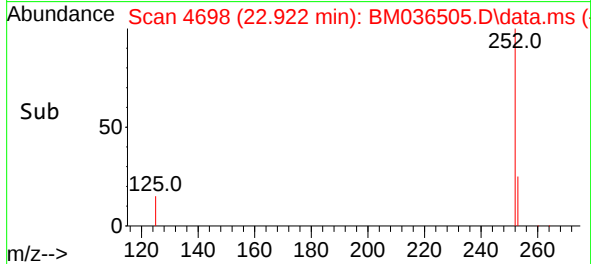
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:252 Resp: 2013
Ion Ratio Lower Upper
252 100
253 51.1 0.0 61.4
125 48.9 0.0 42.6

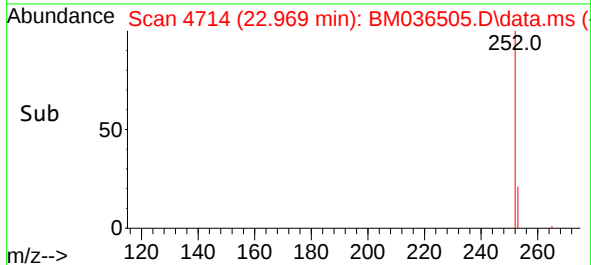
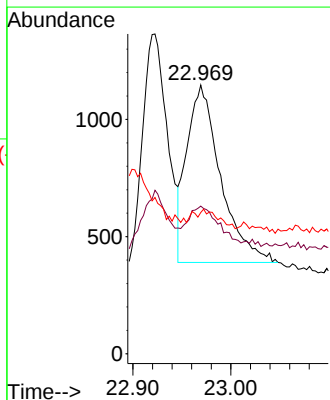
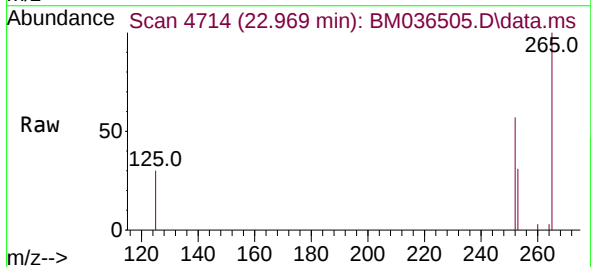
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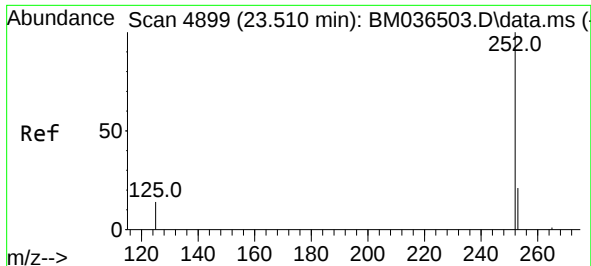
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 22.969 min Scan# 4714
Delta R.T. 0.015 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

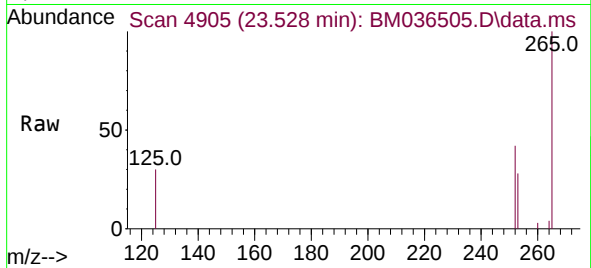
Tgt Ion:252 Resp: 1812
Ion Ratio Lower Upper
252 100
253 54.9 25.2 37.8#
125 52.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 23.528 min Scan# 4905
Delta R.T. 0.020 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

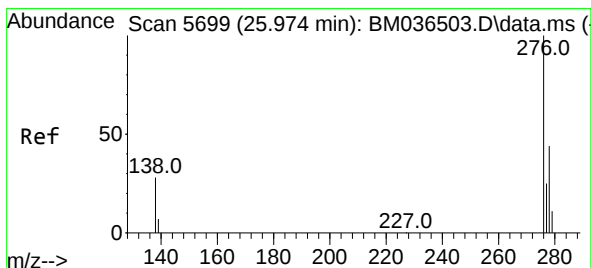
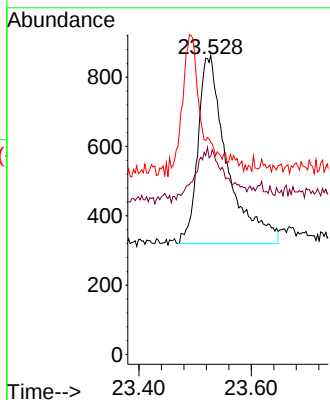
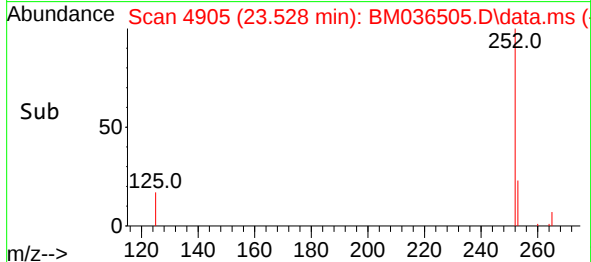
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



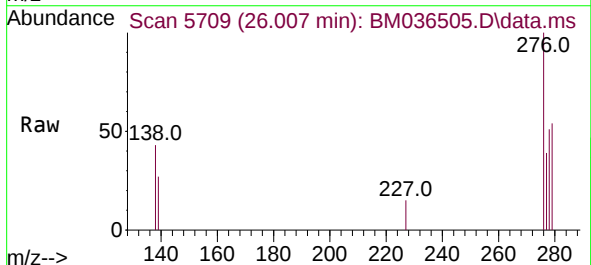
Tgt Ion:252 Resp: 1963
Ion Ratio Lower Upper
252 100
253 66.3 29.7 44.5
125 71.0 23.6 35.4

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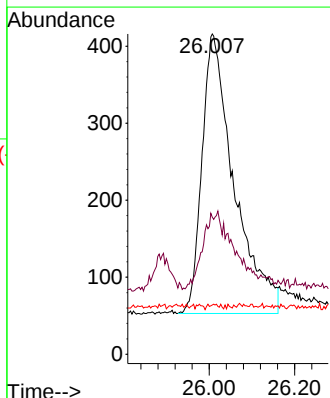
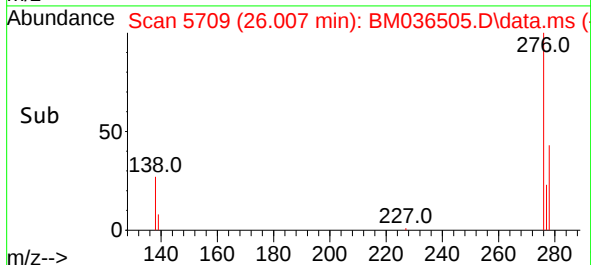
Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022

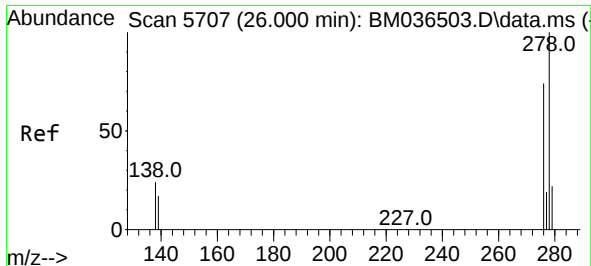


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.037 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40



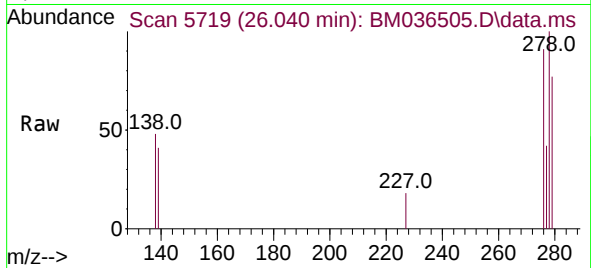
Tgt Ion:276 Resp: 1895
Ion Ratio Lower Upper
276 100
138 28.4 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.040 min Scan# 5196
Delta R.T. 0.047 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

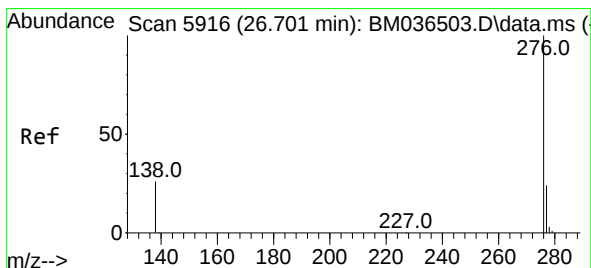
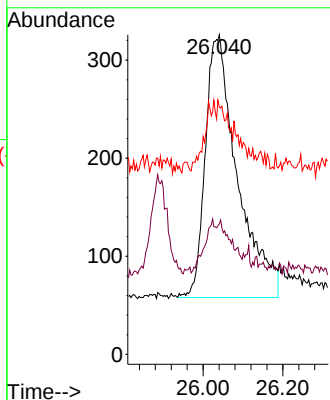
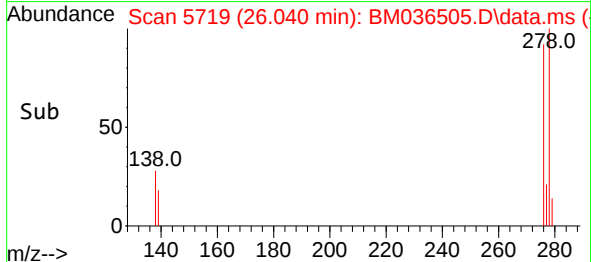
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 278 Resp: 1496
Ion Ratio Lower Upper
278 100
139 40.8 19.8 29.6
279 77.3 27.7 41.5

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Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022



#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 26.721 min Scan# 5922
Delta R.T. 0.027 min
Lab File: BM036505.D
Acq: 07 Sep 2022 11:40

Tgt Ion: 276 Resp: 1888
Ion Ratio Lower Upper
276 100
138 38.7 23.4 35.0#
277 37.4 21.0 31.4#

